State: District of Columbia Filing Company: Royal Neighbors of America

TOI/Sub-TOI: L07I Individual Life - Whole/L07I.114 Single Premium - Single Life - Funeral Expense

Product Name: SPWL Repricing **Project Name/Number:** SPWL Repricing/

Filing at a Glance

Company: Royal Neighbors of America

Product Name: SPWL Repricing
State: District of Columbia

TOI: L07I Individual Life - Whole

Sub-TOI: L07I.114 Single Premium - Single Life - Funeral Expense

Filing Type: Rate

Date Submitted: 01/10/2020

SERFF Tr Num: RNOA-132216547

SERFF Status: Closed-FILED FOR INFORMATION

State Tr Num:

State Status: Co Tr Num:

Implementation On Approval

Date Requested:

Author(s): Philip Blankenfeld, Kinzie Garrett, Ann Henderson

Reviewer(s): John Morgan (primary)

Disposition Date: 01/13/2020

Disposition Status: FILED FOR INFORMATION

Implementation Date: 01/13/2020

State: District of Columbia Filing Company: Royal Neighbors of America

TOI/Sub-TOI: L07I Individual Life - Whole/L07I.114 Single Premium - Single Life - Funeral Expense

Product Name: SPWL Repricing **Project Name/Number:** SPWL Repricing/

General Information

Project Name: SPWL Repricing Status of Filing in Domicile: Pending

Project Number: Date Approved in Domicile:

Requested Filing Mode: Informational Domicile Status Comments: Illinois was filed as an IIPRC filing

and awaiting approval

Explanation for Combination/Other: Market Type: Individual Submission Type: New Submission Individual Market Type:

Overall Rate Impact: Filing Status Changed: 01/13/2020

State Status Changed:

Deemer Date: Created By: Ann Henderson

Submitted By: Ann Henderson Corresponding Filing Tracking Number:

Filing Description:

We are making a few changes to our SPWL product. These changes will include lowering our minimum premium and increasing issue ages on our substandard rates.

To my knowledge and belief, no part of this filing contains any unusual or possibly controversial items contrary to normal society or industry standards. The certificate form 181812-DC, was previously approved by your Department under SERFF Tr Num: RNOA-131755200, on 1-3-2019.

This certificate will be marketed by commissioned independent agents and commissioned agents of an Agency, each of whom are under contract with Royal Neighbors, duly licensed by the state, and appointed by Royal Neighbors, as applicable, to solicit applications for life insurance. The certificate will also be marketed directly from Royal Neighbors' home office using "in-house" representatives (agents), each of whom are licensed by the state and appointed by Royal Neighbors. Commissions will not be paid to the "in-house" representatives.

Please note:

- 1. This is an informational filing only.
- 2. There are no revisions to the previously approved certificate form.
- 3. Only the Actuarial Memorandum has been updated to reflect our desired repricing changes.

Company and Contact

Filing Contact Information

Philip Blankenfeld, Compliance Manager blankepk@royalneighbors.org 230 16th Street 800-627-4762 [Phone] 8232 [Ext]

Rock Island, IL 61201 309-788-3887 [FAX]

Filing Company Information

Royal Neighbors of America CoCode: 57657 State of Domicile: Illinois 230 16th Street Group Code: Company Type: Life, Health,

Rock Island, IL 61201 Group Name: Royal Neighbors Annuity

(309) 732-8232 ext. 8232[Phone] FEIN Number: 36-1711198 State ID Number:

Filing Fees

Fee Required? No Retaliatory? No

State: District of Columbia Filing Company: Royal Neighbors of America

TOI/Sub-TOI: L07I Individual Life - Whole/L07I.114 Single Premium - Single Life - Funeral Expense

Product Name: SPWL Repricing **Project Name/Number:** SPWL Repricing/

Fee Explanation:

State: District of Columbia Filing Company: Royal Neighbors of America

TOI/Sub-TOI: L07I Individual Life - Whole/L07I.114 Single Premium - Single Life - Funeral Expense

Product Name: SPWL Repricing
Project Name/Number: SPWL Repricing/

Correspondence Summary

Dispositions

| Status | Created By | Created On | Date Submitted |
|-----------------------|-------------|------------|----------------|
| FILED FOR INFORMATION | John Morgan | 01/13/2020 | 01/13/2020 |

State: District of Columbia Filing Company: Royal Neighbors of America

TOI/Sub-TOI: L07I Individual Life - Whole/L07I.114 Single Premium - Single Life - Funeral Expense

Product Name:SPWL RepricingProject Name/Number:SPWL Repricing/

Disposition

Disposition Date: 01/13/2020 Implementation Date: 01/13/2020 Status: FILED FOR INFORMATION

Comment:

Rate data does NOT apply to filing.

| Schedule | Schedule Item | Schedule Item Status | Public Access | |
|---------------------|-------------------------|----------------------|---------------|--|
| Supporting Document | Actuarial Justification | | Yes | |

State: District of Columbia Filing Company: Royal Neighbors of America

TOI/Sub-TOI: L07I Individual Life - Whole/L07I.114 Single Premium - Single Life - Funeral Expense

Product Name: SPWL Repricing
Project Name/Number: SPWL Repricing/

Supporting Document Schedules

| Satisfied - Item: | Actuarial Justification |
|-------------------|---|
| Comments: | |
| Attachment(s): | Redlined SPWL 2020 Actuarial Memo - Non-ICC Final.pdf SPWL 2020 Actuarial Memo - Non-ICC Final.pdf |
| Item Status: | |
| Status Date: | |



Kyle Slavish, FSATerry Sakurada, ASA, MAAA

Pricing Product Development Actuary

230 16th Street, Rock Island, IL 61201

<u>Kyle.Slavish@royalneighbors.org</u>Terry.Sakurada@royalneighbors.org | royal neighbors.org

phone: (309) 732-8285-8369 fax: (877) 443-7062

Actuarial Demonstration

Single Premium Whole Life Form Series Number 181812

I. **General Description**

The plan provides whole life coverage maturing at age 121. A single premium is payable at issue. The minimum single premium is \$10,0005,000. The minimum insurance amount is determined based on the minimum single premium and premium rates per \$1,000. The issue ages are 45 to 80 for standard and substandard risks, 45 to 72 for substandard nontobacco risks, and 45 to 71 for substandard tobacco risks.

II. **Cash Values**

Cash values are developed from net single premiums. The basis for values is the 2017 CSO ultimate mortality table, age last birthday, male / female, smoker / non-smoker with the maximum nonforfeiture interest rate as prescribed by the Standard Nonforfeiture Law for Life Insurance.

Cash values are determined as follows:

$$CV_t = 1000A_{x+t}$$

Sample calculations for male, standard non-tobacco, issue age 50 are displayed below. These sample calculations use an interest rate of 4.5%.

 $A_{50} = 0.2529813$

 $A_{51} = 0.2626474$

 $A_{52} = 0.2726336$

 $A_{53} = 0.2829229$

 $CV_1 = 1000 \times 0.2626474 = 262.65$

 $CV_2 = 1000 \times 0.2726336 = 272.64$

 $CV_3 = 1000 \times 0.2829229 = 282.93$

A table of cash values per unit at all durations for a male, standard non-tobacco, issue age 50 is attached as Exhibit A.

III. Certification

I certify that the nonforfeiture values available under this certificate equal or exceed the minimums required under the NAIC Standard Nonforfeiture Law for Life Insurance, model #808, for all ages, rate classes, and durations at which the certificate is available.

Signed by:

Terry E. Sakurada

12/23/2019

Kyle Slavish, FSA, MAAA Terry Sakurada, ASA, MAAA

Date

Pricing Actuary Product Development Actuary

Royal Neighbors of America

Exhibit A

Royal Neighbors of America Form Series Number 181812 Cash Values – Male Standard Non-Tobacco Issue Age 50

| Certificate | Cash | Certificate | Cash | Certificate | Cash |
|-------------|--------|-------------|--------|-------------|---------|
| Year | Value | Year | Value | Year | Value |
| 1 | 262.65 | 26 | 613.81 | 51 | 900.83 |
| 2 | 272.64 | 27 | 630.72 | 52 | 904.96 |
| 3 | 282.93 | 28 | 647.63 | 53 | 908.71 |
| 4 | 293.53 | 29 | 664.50 | 54 | 912.14 |
| 5 | 304.47 | 30 | 681.29 | 55 | 915.38 |
| 6 | 315.76 | 31 | 697.89 | 56 | 918.71 |
| 7 | 327.45 | 32 | 714.26 | 57 | 922.23 |
| 8 | 339.55 | 33 | 730.34 | 58 | 925.62 |
| 9 | 352.07 | 34 | 746.01 | 59 | 928.87 |
| 10 | 365.01 | 35 | 761.17 | 60 | 932.00 |
| 11 | 378.35 | 36 | 775.69 | 61 | 935.01 |
| 12 | 392.03 | 37 | 789.43 | 62 | 937.89 |
| 13 | 406.04 | 38 | 802.25 | 63 | 940.65 |
| 14 | 420.37 | 39 | 814.05 | 64 | 943.30 |
| 15 | 435.01 | 40 | 824.82 | 65 | 945.84 |
| 16 | 449.97 | 41 | 834.55 | 66 | 948.27 |
| 17 | 465.26 | 42 | 843.35 | 67 | 950.59 |
| 18 | 480.89 | 43 | 851.34 | 68 | 952.81 |
| 19 | 496.85 | 44 | 858.72 | 69 | 954.93 |
| 20 | 513.11 | 45 | 865.84 | 70 | 956.94 |
| 21 | 529.61 | 46 | 872.80 | 71 | 1000.00 |
| 22 | 546.31 | 47 | 879.39 | | · |
| 23 | 563.12 | 48 | 885.55 | | |
| 24 | 579.99 | 49 | 891.21 | | |

25

596.89

50

896.29



230 16th Street, Rock Island, IL 61201 <u>Terry.Sakurada@royalneighbors.org</u> | royalneighbors.org phone: (309) 732-8369

Actuarial Demonstration

Single Premium Whole Life Form Series Number 181812

I. General Description

The plan provides whole life coverage maturing at age 121. A single premium is payable at issue. The minimum single premium is \$5,000. The minimum insurance amount is determined based on the minimum single premium and premium rates per \$1,000. The issue ages are 45 to 80 for standard and substandard risks.

II. Cash Values

Cash values are developed from net single premiums. The basis for values is the 2017 CSO ultimate mortality table, age last birthday, male / female, smoker / non-smoker with the maximum nonforfeiture interest rate as prescribed by the Standard Nonforfeiture Law for Life Insurance.

Cash values are determined as follows:

$$CV_t = 1000A_{x+t}$$

Sample calculations for male, standard non-tobacco, issue age 50 are displayed below. These sample calculations use an interest rate of 4.5%.

$$A_{50} = 0.2529813$$
 $A_{51} = 0.2626474$ $A_{52} = 0.2726336$ $A_{53} = 0.2829229$

$$CV_1 = 1000 \times 0.2626474 = 262.65$$

$$CV_2 = 1000 \times 0.2726336 = 272.64$$

$$CV_3 = 1000 \times 0.2829229 = 282.93$$

A table of cash values per unit at all durations for a male, standard non-tobacco, issue age 50 is attached as Exhibit A.

III. Certification

I certify that the nonforfeiture values available under this certificate equal or exceed the minimums required under the NAIC Standard Nonforfeiture Law for Life Insurance, model #808, for all ages, rate classes, and durations at which the certificate is available.

Signed by:

Terry E. Sakurada

12/23/2019

Date

Terry Sakurada, ASA, MAAA Product Development Actuary Royal Neighbors of America

Exhibit A

Royal Neighbors of America Form Series Number 181812 Cash Values – Male Standard Non-Tobacco Issue Age 50

| Certificate | Cash | Certificate | Cash | Certificate | Cash |
|-------------|--------|-------------|--------|-------------|---------|
| Year | Value | Year | Value | Year | Value |
| 1 | 262.65 | 26 | 613.81 | 51 | 900.83 |
| 2 | 272.64 | 27 | 630.72 | 52 | 904.96 |
| 3 | 282.93 | 28 | 647.63 | 53 | 908.71 |
| 4 | 293.53 | 29 | 664.50 | 54 | 912.14 |
| 5 | 304.47 | 30 | 681.29 | 55 | 915.38 |
| 6 | 315.76 | 31 | 697.89 | 56 | 918.71 |
| 7 | 327.45 | 32 | 714.26 | 57 | 922.23 |
| 8 | 339.55 | 33 | 730.34 | 58 | 925.62 |
| 9 | 352.07 | 34 | 746.01 | 59 | 928.87 |
| 10 | 365.01 | 35 | 761.17 | 60 | 932.00 |
| 11 | 378.35 | 36 | 775.69 | 61 | 935.01 |
| 12 | 392.03 | 37 | 789.43 | 62 | 937.89 |
| 13 | 406.04 | 38 | 802.25 | 63 | 940.65 |
| 14 | 420.37 | 39 | 814.05 | 64 | 943.30 |
| 15 | 435.01 | 40 | 824.82 | 65 | 945.84 |
| 16 | 449.97 | 41 | 834.55 | 66 | 948.27 |
| 17 | 465.26 | 42 | 843.35 | 67 | 950.59 |
| 18 | 480.89 | 43 | 851.34 | 68 | 952.81 |
| 19 | 496.85 | 44 | 858.72 | 69 | 954.93 |
| 20 | 513.11 | 45 | 865.84 | 70 | 956.94 |
| 21 | 529.61 | 46 | 872.80 | 71 | 1000.00 |
| 22 | 546.31 | 47 | 879.39 | , | · |
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| 24 | 579.99 | 49 | 891.21 | | |

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